



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/800,487

DATE: 10/01/2004

TIME: 10:53:18

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
 4 McSwiggen, James
 6 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular
 Adhesion
 7 Molecule (ICAM) Gene Expression Using Short Interfering Nucleic
 8 Acid (siNA)
 10 <130> FILE REFERENCE: 400/148 (MBHB04-218)
 12 <140> CURRENT APPLICATION NUMBER: US 10/800,487
 13 <141> CURRENT FILING DATE: 2004-03-15
 15 <150> PRIOR APPLICATION NUMBER: US 10/757,803
 16 <151> PRIOR FILING DATE: 2004-01-15
 18 <150> PRIOR APPLICATION NUMBER: US 10/720,448
 19 <151> PRIOR FILING DATE: 2003-11-24
 21 <150> PRIOR APPLICATION NUMBER: US 10/693,059
 22 <151> PRIOR FILING DATE: 2003-10-23
 24 <150> PRIOR APPLICATION NUMBER: US 10/444,853
 25 <151> PRIOR FILING DATE: 2003-05-23
 27 <150> PRIOR APPLICATION NUMBER: US 10/427,160
 28 <151> PRIOR FILING DATE: 2003-04-30
 30 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
 31 <151> PRIOR FILING DATE: 2003-02-20
 33 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
 34 <151> PRIOR FILING DATE: 2003-02-20
 36 <150> PRIOR APPLICATION NUMBER: US 60/358,580
 37 <151> PRIOR FILING DATE: 2002-02-20
 39 <150> PRIOR APPLICATION NUMBER: US 60/363,124
 40 <151> PRIOR FILING DATE: 2002-03-11
 42 <150> PRIOR APPLICATION NUMBER: US 60/386,782
 43 <151> PRIOR FILING DATE: 2002-06-06
 45 <150> PRIOR APPLICATION NUMBER: US 60/406,784
 46 <151> PRIOR FILING DATE: 2002-08-29
 48 <150> PRIOR APPLICATION NUMBER: US 60/408,378
 49 <151> PRIOR FILING DATE: 2002-09-05
 51 <150> PRIOR APPLICATION NUMBER: US 60/409,293
 52 <151> PRIOR FILING DATE: 2002-09-09
 54 <150> PRIOR APPLICATION NUMBER: US 60/440,129
 55 <151> PRIOR FILING DATE: 2003-01-15
 57 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
 58 <151> PRIOR FILING DATE: 2002-05-17
 60 <160> NUMBER OF SEQ ID NOS: 438
 62 <170> SOFTWARE: PatentIn version 3.3
 64 <210> SEQ ID NO: 1
 65 <211> LENGTH: 19
 66 <212> TYPE: RNA

(pg. 10-12)

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69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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85 cuccucugcu acucagagu 19
88 <210> SEQ ID NO: 3
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90 <212> TYPE: RNA
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129 <220> FEATURE:
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132 <400> SEQUENCE: 6
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136 <210> SEQ ID NO: 7
137 <211> LENGTH: 19

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138 <212> TYPE: RNA

139 <213> ORGANISM: Artificial Sequence

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141 <220> FEATURE:
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210 <212> TYPE: RNA

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238 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

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265 guaagaacug agcaaugug 19

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Input Set : D:\400.148 US Sequence Listing.ST25.txt

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316 <210> SEQ ID NO: 22
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343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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349 ccuccccucu uggcagcca                                     19
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354 <212> TYPE: RNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA

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sense region

360 <400> SEQUENCE: 25

RAW SEQUENCE LISTING ERROR SUMMARY

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Input Set : D:\400.148 US Sequence Listing.ST25.txt

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:341; N Pos. 20,21
Seq#:342; N Pos. 20,21
Seq#:343; N Pos. 20,21
Seq#:344; N Pos. 20,21
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Seq#:366; N Pos. 20,21
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Seq#:376; N Pos. 20,21
Seq#:377; N Pos. 20,21
Seq#:378; N Pos. 20,21
Seq#:379; N Pos. 20,21
Seq#:380; N Pos. 20,21
Seq#:381; N Pos. 20,21
Seq#:382; N Pos. 20,21
Seq#:383; N Pos. 20,21
Seq#:384; N Pos. 20,21

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Input Set : D:\400.148 US Sequence Listing.ST25.txt

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Seq#:385; N Pos. 20,21
Seq#:386; N Pos. 20,21
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Seq#:416; N Pos. 20,21
Seq#:417; N Pos. 20,21
Seq#:418; N Pos. 20,21
Seq#:419; N Pos. 20,21
Seq#:420; N Pos. 20,21
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Seq#:429; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:430; N Pos. 20,21
Seq#:431; N Pos. 20,21
Seq#:432; N Pos. 20,21
Seq#:433; N Pos. 20,21

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Input Set : D:\400.148 US Sequence Listing.ST25.txt

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Seq#:435; N Pos. 20,21

Seq#:436; N Pos. 20,21

Seq#:437; N Pos. 20,21

Seq#:438; N Pos. 20,21

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L:4159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:341 after pos.:0
L:4177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:342 after pos.:0
L:4195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343 after pos.:0
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344 after pos.:0
L:4231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:345 after pos.:0
L:4249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:346 after pos.:0
L:4267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:347 after pos.:0
L:4285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:348 after pos.:0
L:4303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:349 after pos.:0
L:4321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:350 after pos.:0
L:4339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:351 after pos.:0
L:4357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:0
L:4375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353 after pos.:0
L:4393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354 after pos.:0
L:4411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355 after pos.:0
L:4429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356 after pos.:0
L:4482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357 after pos.:0
L:4535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358 after pos.:0
L:4593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:0
L:4631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360 after pos.:0
L:4684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361 after pos.:0
L:4737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362 after pos.:0
L:4790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:363 after pos.:0
L:4853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:364 after pos.:0
L:4906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:0
L:4954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:366 after pos.:0
L:5007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:367 after pos.:0
L:5045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:368 after pos.:0
L:5088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:369 after pos.:0
L:5141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370 after pos.:0
L:5189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371 after pos.:0
L:5242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:372 after pos.:0
L:5325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:373 after pos.:0
L:5403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:0
L:5491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:375 after pos.:0
L:5544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:376 after pos.:0
L:5617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377 after pos.:0
L:5700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0
L:5778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0
L:5871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0
L:5949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:381 after pos.:0
L:6022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:382 after pos.:0
L:6105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:0
L:6153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:384 after pos.:0
L:6221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385 after pos.:0
L:6299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:386 after pos.:0
L:6372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:387 after pos.:0
L:6460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:388 after pos.:0

VERIFICATION SUMMARY

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Input Set : D:\400.148 US Sequence Listing.ST25.txt

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L:6543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389 after pos.:0
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L:6762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:392 after pos.:0
L:6835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:393 after pos.:0
L:6918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:394 after pos.:0
L:6996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:395 after pos.:0
L:7089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:396 after pos.:0
L:7167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:397 after pos.:0
L:7240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:398 after pos.:0
L:7323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399 after pos.:0
L:7371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:400 after pos.:0
L:7439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401 after pos.:0
L:7517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:402 after pos.:0
L:7590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:403 after pos.:0
L:7678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:404 after pos.:0
L:7706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:405 after pos.:0
L:7734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406 after pos.:0
L:7762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:407 after pos.:0
L:7790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408 after pos.:0
L:7818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409 after pos.:0
L:7846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410 after pos.:0
L:7874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411 after pos.:0
L:7902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:412 after pos.:0
L:7925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:413 after pos.:0
L:7948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:414 after pos.:0
L:7971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415 after pos.:0
L:7994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416 after pos.:0
L:8017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417 after pos.:0
L:8040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418 after pos.:0
L:8063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:419 after pos.:0
L:8086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:420 after pos.:0
L:8113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421 after pos.:0
L:8140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:0
L:8168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423 after pos.:0
L:8201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:424 after pos.:0
L:8234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425 after pos.:0
L:8267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:426 after pos.:0
L:8300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427 after pos.:0
L:8333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:428 after pos.:0
L:8366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:429 after pos.:0
L:8393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430 after pos.:0
L:8420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:431 after pos.:0
L:8492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432 after pos.:0
L:8569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433 after pos.:0
L:8621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:434 after pos.:0
L:8673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:435 after pos.:0
L:8750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:436 after pos.:0
L:8802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:437 after pos.:0

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/800,487**

DATE: 10/01/2004

TIME: 10:53:19

Input Set : **D:\400.148 US Sequence Listing.ST25.txt**

Output Set: **N:\CRF4\10012004\J800487.raw**

L:8879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:438 after pos.:0